

Date: Fri, 8 Oct 93 20:37:51 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1197
To: Info-Hams

Info-Hams Digest Fri, 8 Oct 93 Volume 93 : Issue 1197

Today's Topics:

(none)
* SpaceNews 11-Oct-93 *
 AEA's ATV
 Alinco DJ-580T
 FTP-Server
 Gang Initiation B.S.
 Help on Digital VHF needed
Imminent Death of Ham Radio: 2m HT in Penney's Christmas Catalog
 MOTOROLA
 Motorola ad in QST?
 Selling License Info
Soundblaster(tm) for Multi-mode Digital Communication
 Standards in 12V power cords.

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 8 Oct 93 18:14:21 GMT
From: news-mail-gateway@ucsd.edu
Subject: (none)
To: info-hams@ucsd.edu

help

Date: 8 Oct 93 16:20:25 GMT

From: news-mail-gateway@ucsd.edu
Subject: * SpaceNews 11-Oct-93 *
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC1011
* SpaceNews 11-Oct-93 *

BID: \$SPC1011

=====
SpaceNews
=====

MONDAY OCTOBER 11, 1993

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

* HAM RADIO TO FLY ON STS-58 *

=====

The third SAREX (Shuttle Amateur Radio Experiment) flight of 1993 is scheduled for lift-off October 14 aboard the Space Shuttle Columbia on a 13 day mission. Crew members include Pilot Richard A. Searfoss, whose amateur license is pending, Mission Specialist William S. McArthur Jr., KC5ACR, and Payload Specialist Martin J. Fettman, KC5AXA.

Amateur Radio frequencies for the mission include: voice downlink (World-wide) 145.550 MHz, voice uplinks 144.910, 144.930, 144.950, 144.970, 144.990 MHz, voice uplink (Europe only) 144.700, 144.750, 144.800 MHz, and packet uplink: 144.490 MHz.

15 schools are scheduled to participate, in Arkansas, Texas, Ohio, Missouri, Arizona, Tennessee, New Hampshire, Kentucky, Colorado, North Carolina, Indiana, and France.

The 39 degree orbital inclination will bring the shuttle higher over the temperate latitudes of the earth allowing more ground stations to hear the Amateur Radio transmissions from the shuttle and possibly make radio contact with the astronauts themselves.

SAREX configuration 'C' is planned for this mission. This configuration includes FM voice and packet radio operations.

The following are pre-launch Keplerian elements for Shuttle mission STS-58:

STS-58

```
1 00058U          93287.67747791 .00119475 00000-0 26040-3 0   50
2 00058 39.0114 124.6663 0007676 272.4217 87.5676 15.96123499 22
```

Satellite: STS-58

Catalog number: 00058

Epoch time: 93287.67747791 = (14 OCT 93 16:15:34.09 UTC)

Element set: 005

Inclination: 39.0114 deg

RA of node: 124.6663 deg

Space Shuttle Flight STS-58

Eccentricity: .0007676

Prelaunch Element set JSC-005

Arg of perigee: 272.4217 deg

Launch: 14 OCT 93 14:53 UTC

Mean anomaly: 87.5676 deg

Mean motion: 15.96123499 rev/day

Gil Carman, WA5NOM

Decay rate: 1.19475e-03 rev/day^2

NASA Johnson Space Center

Epoch rev: 2

Checksum: 329

★ MIR OPERATING HINTS ★

=====

This Week: "Logging Out of MIR"

More and more people are trying to use the MIR PBBS these days, and that is fine if we all follow some simple rules.

How many times have you seen a whole MIR pass full of <<DM>> messages (DM-Disconnect mode) with no data, and it appears that no one is logged in? Well, in reality someone IS logged in, but may have gone out of range of MIR and is unable to logout of the MIR PBBS. This results in the PBBS being tied up until the watchdog timer expires and forces a disconnect to the out-of-range station. After 7-10 minutes, MIR will try to force out the missing station with ten (10) <<D>> (D-Disconnect request) packets. After the last <<D>> packet, MIR will accept the next connect request heard.

Rule: If you are connected to the MIR PBBS, make sure you send the BYE command (B) to MIR 2-minutes before LOS. This will prevent ruining a whole pass for the stations down range of your QTH.

Remember, only one station can connect to MIR's PBBS at a time. All others must wait.

[Story by G. Miles Mann, WF1F]

★ HELP WANTED ★

=====

Trevor, G0KTN, is trying to obtain a G3RUH 1200 bps PSK modem printed circuit board which he would like to use for WEBERSAT reception. According to Trevor, G3RUH has discontinued the production of this PCB and the usual suppliers are now out of stock. There are several other English stations who are also in need of the modem circuit board.

Trevor can be reached via packet at: G0KTN @ GB7SDN.#49.GBR.EU.

★ LUSAT NEWS ★

=====

Frank, KB2MVN, of Alpaus, New York has set up a packet mailbox which can be accessed by using the LUSAT-OSCAR-19 satellite as a digipeater. Frank's mailbox beacons through the satellite when it is in range of his ground station:

KB2MVN>BEACON,LUSAT-1★ <UI>:

KB2MVN MAILBOX OPEN PLEASE CONNECT Via Lusat-1

LO-19 command station LU8DYF reports that the satellite's on-board computer will be reloaded with directory broadcast software soon. Directory broadcast is a feature currently available on PACSAT-OSCAR-16.

★ KITSAT-OSCAR-25 NEWS ★

=====

SaTReC, KAIST Announces the Launch of KITSAT-OSCAR-25!

The Satellite Technology Research Center (SaTReC) at KAIST, Korea announces the successful launch and activation of a new OSCAR. KITSAT-2 was built in KAIST and is named as KITSAT-OSCAR-25 following the suggestions from the AMSAT group. KO-25 was launched by ariane 40 V59 launcher at 01:45 UTC on 26 September from Kourou Spatial Center of French Guyana. KO-25 was inserted into orbit 23 minutes after launch. KO-25 was activated 12:03 UTC on the same day from the Central Command Groundstation at SaTReC, KAIST.

KO-25 carries five payloads including a CCD Earth Imager, a Store-and-Forward mailer, a Digital Signal Processing Experiment for High Speed Modem tests and research, an Infra Red Sensor Experiment (IREX), a Low energy electron detector (LEED), and also a new computer system called KASCOM (KAIST Satellite Computer) developed for small satellites.

SaTReC sincerely express its gratitude for the help that AMSAT members have given to KAIST during their initial operation. Special thanks to Bill Tynan, Jim White, Harold Price, Jeff Ward, Eric A. Cottrell, Steve Greene, Peter Guezow, R. Campbell, Ron Parise, Tom Clark and those whom were active on the Internet during the development period.

SaTReC congratulates the EYESAT and ITAMSAT teams and the University of Surrey on the launch and activation of their satellites. For further information about SaTReC and the KITSAT-OSCAR-25 payload, please contact SaTReC via:

Tel : 82-42-869-8614
Fax : 82-42-861-0064
Internet : hskim@satrec.kaist.ac.kr

[Info via Hyung Shin Kim]

★ FROM THE EDITOR ★

=====

Over the past month, I have received a record number of requests from people with Internet addresses asking to be placed on the "SpaceNews mailing list". While such a list does exist, it is used primarily to increase article circulation speed across the world-wide packet radio network. Having geographically diverse entry points into the packet radio network, radio amateurs can receive these bulletins in an acceptable amount of time around the world.

Requests from single individuals who want SpaceNews mailed to them simply to avoid searching through the rec.radio.amateur.misc, sci.space.news, and rec.radio.info newsgroups on Usenet cannot not be accepted. It just takes more time than I have available to maintain a large and growing mailing list.

Please take advantage of the wide circulation SpaceNews currently enjoys through Usenet, amateur packet radio, digital amateur satellites, as well as the Internet (finger magliaco@pilot.njin.net).

★ THANKS! ★

=====

Thanks to all those who sent messages of appreciation regarding SpaceNews, especially:

Dana Rollins

N2JUX

KC4LDT

OH7HJ

★ FEEDBACK/INPUT WELCOMED ★

=====

Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX : 1-908-747-7107
PACKET : KD2BD @ N2KZH.NJ.USA.NA

INTERNET : kd2bd@ka2qhd.ocpt.ccur.com -or- kd2bd@amsat.org

MAIL : John A. Magliacane, KD2BD
Department of Engineering and Technology
Advanced Technology Center
Brookdale Community College
Lincroft, New Jersey 07738
U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

--

John A. Magliacane, KD2BD * /\ /\ * Voice : 1-908-224-2948
Advanced Technology Center |/\ /\ /\ | Packet : KD2BD @ N2KZH.NJ.USA.NA
Brookdale Community College |/\ /\ /\ | Internet: kd2bd@ka2qhd.ocpt.ccur.com
Lincroft, NJ 07738 * /\ /\ * Morse : -. -.. ..--- -... -..

Date: 9 Oct 93 02:48:37 GMT
From: ogicse!uwm.edu!wupost!howland.reston.ans.net!agate!iat.holonet.net!
bwilkins@network.ucsd.edu
Subject: AEA's ATV
To: info-hams@ucsd.edu

monsoor@nextnet.csus.edu (Matt Monsoor) writes:

: I am looking for information on Advanced Electronic Applications Amiga
: Video Terminal (AVT) System. Did it work well, is it still supported,
: what would a used one cost? What is it?? This is what I know about the
: System:

:

: "The Amiga Video Terminal System is a revolutionary
: Hardware/software package that enables the Amiga user to
: send and receive images over the telephone or a radio

:

: Thanks in advance, 73's

: N6ZSK@KM6PX-1.USA.WS.NC <- not sure of correct address for N Cal.

you might want to send packet mail to n6zsk @ km6px-1.#nocal.ca.usa.na

:

: --

: +-----+

:		Matthew G. Monsoor		USMAIL: 6000 J st., Sacramento, Ca 95819-6091	
:		(916) 278-6288		Internet: monsoor@csus.edu	

: +-----+
--
Bob Wilkins n6fri voice 440.250+ 100pl san francisco bay area
bwilkins@cave.org packet n6fri @ n6eeg.#nocal.ca.usa.na

Date: Fri, 8 Oct 1993 12:48:34 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
spool.mu.edu!news.cs.indiana.edu!rsg1.er.usgs.gov!dgg.cr.usgs.gov!
bodoh@network.ucsd.edu
Subject: Alinco DJ-580T
To: info-hams@ucsd.edu

In article <nick.24dt@hotmail.COM>, nick@hotmail.COM (Nick Assar) writes:
|> I recently purchased this unit, and it is great.
|>
|> To modify, just snip the red wire (looped) and reset the radio to enjoy an
|> extended receive. Then snip the blue wire and reset the radio to enjoy an
|> EXTENDED receive (you will get 810-998.99) plus transmit from 130-174, 430-480
|> (you can transmit above 480, but it does not work too well).
|>
|> Nick
|> nick@hotmail.com
|> CHASE, M.H. Division

I have a suggestion for those who have opened up transmit on the DJ-580
and other radios. Rather than risking accidental xmit on the public service
frequencies that you may have programmed, set a non-standard offset that
falls either in the amateur bands or in relatively unused bands. The 580
allows up to a 15 Mhz offset - so this is quite easy. If I accidentally
xmit, I'd rather radiate on an amateur band than on the local sherriif
or rescue frequency. Just a thought...

BTW - Don't bother flaming me for opening up my xmit. The amateur SERVICE
is expected to be prepared for emergencies...

--
+++++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)
+
+ "Welcome back my friends to the show that never ends!" EL&P
+
+++++

Date: Fri, 8 Oct 1993 16:36:17 GMT
From: swrinde!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!xlink.net!
news.belwue.de!news.dfn.de!solaris.rz.tu-clausthal.de!automatix.rz.tu-
clausthal.de!hiot@network.ucsd.edu
Subject: FTP-Server
To: info-hams@ucsd.edu

There is a new HAM-RADIO-Software FTP server in germany.
Just try ftp.tu-clausthal.de (sun.rz.ru-clausthal.de)

73 es 55 Oliver Teuber (DH00AE) (hiot@sun.rz.tu-clausthal.de)

p.s. Please upload new hamradio software!

Date: 8 Oct 93 16:32:23 GMT
From: psinntp!arrl.org@uunet.uu.net
Subject: Gang Initiation B.S.
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, shearer@esvx12.es.dupont.com writes:

> BULLETIN
> !!! THERE IS A NEW GANG INITIATION!!!
> "This new "initiation" of "MURDER" is brought about by Gang
> Members driving around at night with their car lights off.
> When you flash your car lights to signal them that their
> lights are out, the Gang members take it literally as "LIGHTS
> OUT" so they are to follow you to your destination and kill
> you! That's their initiation.
> Two families have already fallen victim to this initiation
> ritual in the St Louis and Chicago, IL, areas.
> This information should be given widespread distribution
> on your respective territories and posted on all bulletin
> boards. Beware and inform your families and friends.
> DO NOT FLASH YOUR CAR LIGHTS FOR ANYONE
> Above information furnished by the Illinois State Police
> Dept."
>
>de Steve WB3LGC...

Who REALLY created this silly thing, and what's it doing on
rec.radio.amateur.misc?

CUL es 73 de BB

Brian Battles, WS10 I Tel 203-666-1541, ext 222 I "Radio amateurs
QST Features Editor I Fax 203-665-7531 I do it with high
ARRL HQ I Internet bbattles@arrl.org I frequency"
Newington, CT USA I Amprnet ws1o@ws1o.ampr.org [44.88.0.87]

COMMENTS EXPRESSED HEREIN ARE MY OWN PERSONAL REMARKS AND ARE NOT TO BE
CONSIDERED OFFICIAL ARRL VIEWS OR POLICY..

Date: 8 Oct 1993 10:10:07 GMT
From: mcsun!news.forth.gr!helios.intranet.gr!zpian@uunet.uu.net
Subject: Help on Digital VHF needed
To: info-hams@ucsd.edu

Hello everyone,

I am looking for equipment that uses Delta or Pulse Code Modulation
to digitize voice so I can encrypt it. If anyone has any info
please email it to zpian@intranet.gr

Thanks

Date: 8 Oct 1993 13:42:48 -0600
From: stan!not-for-mail@uunet.uu.net
Subject: Imminent Death of Ham Radio: 2m HT in Penney's Christmas Catalog
To: info-hams@ucsd.edu

For those who felt that Radio Shack's introduction of a 2m HT two years ago
meant the "imminent death of Ham Radio," those people should stay away from
the 1993 JC Penney Christmas Catalog.

There, on the bottom right hand corner of page 585 is a Midland 73-005 2m HT
(\$299). Yes, it mentions you need a license. No, I doubt they'll ask if you
have a ticket if you order one.

--

William Kucharski, Solbourne Computer, Inc.	Opinions expressed herein
Internet: kucharsk@solbourne.com Ham: N00KQ	are MINE alone, NOT those
Snail Mail: 1900 Pike Road, Longmont, CO 80501	of Solbourne Computer, Inc.
President, "Just the Ten of Us" Fan Club	"Dittos from Longmont, CO"

Date: 8 Oct 93 07:20:36 EDT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!yeshua.marcam.com!

zip.eecs.umich.edu!caen!malgudi.oar.net!mercury.wright.edu!desire.wright.edu!
matrix.cs.wright.edu!isoper@network.ucsd.edu
Subject: MOTOROLA
To: info-hams@ucsd.edu

In article <1993Oct7.162347.1633@lmpsbbs.comm.mot.com>,
burke_br@adcae1.comm.mot.com (Bruce Burke Sp App) writes:

> In article 1@matrix.cs.wright.edu, isoper@matrix.cs.wright.edu writes:
> }Motorola's concerns over this issue are deeply rooted. I worked in the
> }two way radio back in the early 1970's, Motorola had just started to
> }release two-way radios taken in on trade. This was according to the my local
> }National Service Organiztion Center (as they were called back then),
> }previously the equipment traded in was center to a central location to
> }prevent resale to small businesses thus eliminating one source of
> }competition for the Motorola sales people. Motorola has always been quick
> }to guard their market of "add ons" for their equipment as well.
> }They are very profit oriented, and at loss as to what to do with invasion
> }of thrid party vendors that have sprung up since the 1980's.
> }
> }At least that's how I view the situation at hand.
> }
> }73 Wes, WB8CEH
>
>
> You would be amazed at how many niche markets they have allowed small companies
> to take over, therefore your statement isn't entirely correct.
>
> Bruce, WB4YUC, e1 YUCCO. . .
>
>

Well Bruce that was awful nice of Motorola to be so generous as to allow
competition in the market place. Because you have taken Motorola's side in
this issue, it seems to be apparent either you work for the company or
hold stock in it. I guess what bothers other people and myself is the fact
that Motorola has to take out advertisements making veiled threats toward
the consumers. I own a Motorola Cellular phone, and as a customer did not
like the threat of legal action if I have anyone other than Motorola
perform any work on it.

As far as another post is concerned, the one made by the Paramedic, this is
a situation I can relate to. When I first purchased my cellular phone the
Sears store where I bought it could not answer my questions as to certain
features, they in turn refered me to Motorola. After dialing several
phones numbers given to me by Sears and the Motorola people whom did not
know why I instructed to call them as their job was not in customer relations,
I reached a very rude male "technician" who indicated I should read my manual
and not to bother them with such trivia.

Date: 8 Oct 93 13:21:13 CDT
From: timbuk.cray.com!hemlock.cray.com!cherry10!dadams@uunet.uu.net
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

John,

The article about Motorola's Drug free program was an unfair attack,
and a red herring in the argument over whether or not Motorola is
making an abuse of the copyright law.

--David C. Adams Statistician Cray Research Inc. dadams@cray.com

Kilo Golf Zero India Oscar -(KG0IO)-

Date: Fri, 8 Oct 1993 12:37:05 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!cs.utexas.edu!uwm.edu!linac!
att!news.cs.indiana.edu!rsg1.er.usgs.gov!dgg.cr.usgs.gov!bodoh@network.ucsd.edu
Subject: Selling License Info
To: info-hams@ucsd.edu

In article <9309077500.AA750028429@smtpgty.anatcp.rockwell.com>,
William_A._Kirsanoff@ccmail.anatcp.rockwell.COM (William A. Kirsanoff) writes:
|>...
|> While the ARRL may be collecting addresses for potential new member
|> mailings, and may even be selling (or more likely renting) these lists
|> to others, it is more likely the bulk of the mailers come from people
|> using the FCC database. It's cheap (as mailing list costs go), they get
|> to keep the data, and it's complete from one source.
|>...
|> Wm. A. Kirsanoff Internet: WAKIRSAN@ananov.remnet.ab.com

I have had my license for one month now and have not received one piece of
mail that could conceivably have come from lists sold by the ARRL or the
FCC. From the discussions here, I half expected the catalogs/etc to hit
my mailbox within two weeks of receiving my license. I am actually a
little disappointed. What really surprises me is that I haven't gotten
a memberscription (!) offer from the ARRL.

73

--

```
+++++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT      +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198      (605) 594-6830  +
+ Internet; bodoh@dggs.cr.usgs.gov (152.61.192.66)
+
+ "Welcome back my friends to the show that never ends!" EL&P
+
+++++
```

Date: 8 Oct 93 13:20:12 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
darwin.sura.net!sgiblab!barrnet.net!cronos!Metaphor.COM!henniger@network.ucsd.edu
Subject: Soundblaster(tm) for Multi-mode Digital Communication
To: info-hams@ucsd.edu

In article <749798173snx@skyld.tele.com>, jangus@skyld.tele.com (Jeffrey D. Angus)
writes:

```
|>
|> In article <CE6Kr6.9J5@fc.hp.com> mckee@fc.hp.com writes:
|>
|> >
|> > It should be possible to do everything you ask for with "a fast enough
|> > processor". I'd bet that 9600 baud is probably too fast for 486's, but
|> > I don't actually have any data to prove it...
|>
|> Tests run with the ax25 packet driver using a g3ruh modem rather than a
|> baycomm modem indicate a top speed of 8500 baud or so with a 386/33.
|> 9600 baud will work if the ax25 driver is run on a 486/66.
|>
|> It seems to me that this is a perfect example of HAM engineering. Using
|> $4500 dollars worth of number crunching processor to eliminate a $125 TNC.
|>
|> If this sounds far fetched, remember the Kantronics KAM does all its bit
|> bashing in software rather than an HDLC chipset.
|>
```

I have been able to use a sound blaster -pro, programmed with DMA to easily
handle 10Kbps FSK modulated FM, on a 486DX/50.

While the code is parsing through the waveforms, the DMA is prepping the
next batch for you in background....

I am VERY interested in anyone who has software to do this with a soundblaster.
The code I wrote is only for a specific limited application.

Mick
(wb5von)

Date: 8 Oct 1993 09:54:46 -0400
From: mvb.saic.com!unogate!news.service.uci.edu!usc!sdd.hp.com!hpscit.sc.hp.com!
hpuerca.atl.hp.com!hpuerca!edh@network.ucsd.edu
Subject: Standards in 12V power cords.
To: info-hams@ucsd.edu

yee@mipg.upenn.edu (Conway Yee) writes:

>It has been awhile since this thread has passed around and the last time,
>I don't think anyone answered this question to my satisfaction.

>The ARRL recommends the Molex 1545-series connector (last discussed
>QST 8/93 p. 50)

>My question is why? While fine for HT's, the current ratings on the Molex
>aren't quite up to the needs of a 100W class HF transciever. The article

<stuff deleted>

Just for the record, HF use was not envisioned:

In the issue of "ARRL Field Forum" it stated:

"As a result of a study commissioned by the League's Volunteer Resources Committee last year, the Field Services department is recommending the MOLEX Series 1545 connector for use in promoting compatibility and interchangeability among personal VHF/UHF radio equipment at disaster and public event sites. Polarity should always be verified prior to connecting radios and power supplies."

"The 1545 connector is rated at 25 volts, 8 amps. Wire size requirement is #18 AWG or greater. An in-line fuse between the power source and the first connector is recommended. The connector is available at Radio Shack stores, part #274-222."

Personally, I hope we don't have to go through the whole debate again.

Cheers & 73 Ed Humphries N5RCK

Date: Fri, 8 Oct 1993 12:57:33 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
darwin.sura.net!rsg1.er.usgs.gov!dgg.cr.usgs.gov!bodoh@network.ucsd.edu
To: info-hams@ucsd.edu

References <1993Oct4.012038.10380@cs.brown.edu>,
<1993Oct6.115753.29654@lmpsbbs.comm.mot.com>, <2528@indep1.UUCP>t
Subject : Re: Motorola ad in QST?

In article <2528@indep1.UUCP>, clifto@indep1.UUCP (Cliff Sharp) writes:
|>...
|> However, the intent of the ad seems to be to stop those who stole the
|> Motorola internal programming software from retaining it or profiting by
|> it. In THAT respect they're 100% right.
|> --

Additionally, it would seem that they are trying to create confusion and
uncertainty about any aspect of messing with their equipment - and judging
by the widely varying interpretations posted here, they've done a very
good job. Sowing uncertainty can certainly be an effective deterrent...

--
+++++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)
+
+ "Welcome back my friends to the show that never ends!" EL&P
+
+++++

End of Info-Hams Digest V93 #1197
